



ARROW
GEAR
COMPANY

2301 Curtiss Street Downers Grove, Illinois 60515-4036 630-969-7640 Fax: 630-969-0253

170955

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section
P. O. Box 19276
Springfield, IL
62794-9276

April 16, 1997

RE: Withdraw Request for FESOP, Requested March 17, 1997 for
Arrow Gear Company, 2301 Curtiss Street, Downers Grove, IL
60515, I.D. NO.043030ABG, Approval NO.73060221

Attn: Mr. Ernie Kierbeck, Compliance Officer

Arrow Gear Company would like to request a "Small Generator" status for the emissions permit. By requesting a Small State operating permit by the Illinois EPA, we will continue limiting emissions from the source to levels below major thresholds as defined in the Clean Air Act Permit Program (CAAPP), and thereby exclude the source from the requirements to obtain a CAAPP.

The present allowable emissions limits were established by EPA personnel for Arrow Gear Company, but we report based on actual usage per year and percent throughputs.

Arrow Gear would like the Illinois EPA to consolidate the existing permit into a Small Generator State operating permit, which covers all emission units and air pollution control equipment at the source.

This application contains the following:

1. 1996 Annual Emissions Report - you already have.
2. Calculation showing how all percent throughputs were derived - you already have.
3. Will continue to report on an annual basis.
4. Attached are the calculations for maximum allowable emissions (ton/year), based on 1996 actual usage vs. operating time and maximum operating time to pro-rate the maximum allowable emissions.

The information contained herein shall supplement the application currently on file with the agency, that information should be corrected to the finding of attached calculations.

Sincerely,

Harry Hartzell
Metallurgist/Environmental
Co-ordinator

HH/cbp

The totals reported for 1996 were based on actual volume used pro-rated to each point (source) per hours of operation.

The following show same points with all units operating for 24 hours a day/50 weeks per year. (5 days/wk)

Point 0003	2 Units =	NOX = 2040 lb/yr CO = 428.2 lb/yr
Point 0006	1 Unit =	NOX = 60 lb/yr CO = 12.6 lb/yr
Point 0017	2 Units =	NOX = 6427.2 lb/yr CO = 1346.8 lb/yr
Point 0002	2 Units =	NOX = 1920 lb/yr CO = 43.2 lb/yr
Point 0009	1 Unit =	VOM = 3858 lb/yr
Point 0010	1 Unit =	VOM = 2580 lb/yr
Point 0014	1 Unit	Part = 0.6 lb/yr

TOTALS:

CO = 1830 lb/yr = .915 tons/yr
NOV = 11047.2 lb/yr = 5.5236 tons/yr
PART = 0.6 lb/yr = .0002 tons/yr
VOM = 6438 lb/yr = 3.219 tons/yr

Totals for 7 days a week:

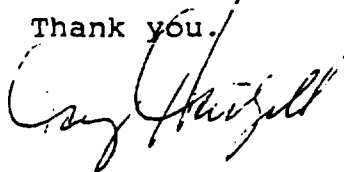
CO = 1.177 tons/yr
NOX = 7.103 tons/yr
PART = .00025 tons/yr
VOM = 4.139 tons/yr

The allowable emissions (tons.yr) should be:

CO = 2.177
NOX = 8.103
PART = 2.000
VOM = 5.139

This would allow for maximum operation plus some additional if required in the future.

Thank you.



Harry Hartzell
Metallurgist/Environmental Co-ordinator
ARROW GEAR COMPANY

HH/cbp
04/16/97



ARROW
GEAR
COMPANY

2301 Curtiss Street Downers Grove, Illinois 60515-4036

Fax Cover Form

Date 4-18-97

Deliver To MR ERNIE KIEBECK From HARRY HARTZEL

Company IEPA Phone Number 630-969-7640

Fax Number 524-5623
217-785-1879 Fax Number 630-969-0253

Number of Pages Including Cover Page 3

Message:

Will Mail you the formal letter
H

P 383 270 392

**US Postal Service
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No Insurance Coverage Provided.

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PS Form 3800, April 1985

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Post Office, State & ZIP Code SPRINGFIELD, IL 62794-9276	
Postage	\$.55
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt (Showing to Whom & Date Delivered)	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.75
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- Complete items 3, and 4a & b.
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- Attach this form to the front of the mailpiece, or on the back if space does not permit.
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- ☐ Addressee's Address
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Consult postmaster for fee.

3. Article Addressed to:

ILLINOIS ENVIRONMENTAL PROTECTION
/ OF AIR POLLUTION CONTROL
MIT SECTION
P.O. BOX 19276
SPRINGFIELD, IL 62794-9276

4a. Article Number

P 383 270 392

4b. Service Type

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☒ Certified ☐ COD

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7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

NAME: ERNIE KIERBECK - COMP OFF.

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, October 1990

U.S. GPO: 1990-273-001

DOMESTIC RETURN RECEIPT